medical device is an infusion pump; wherein the first medical device further includes at least one disposable portion and at least two reusable portions, each of the two reusable portions configured to connect to the at least one disposable portion; wherein the charging device configured to receive at least one of the at least two reusable portions of the first medical device; wherein the second medical device including a continuous glucose monitor system including at least one transmitter wherein the at least one transmitter in wireless communication with the first medical device; wherein the second medical device including a blood glucose meter in wireless communication with the first medical device; wherein the first medical device and the remote interface are paired using near field communication; wherein the first medical device and the second medical device are paired using near field communication.

[0011] In accordance with one aspect of the present invention, an infusion pump system is disclosed. The infusion pump system includes at least one disposable portion of an infusion pump, at least two reusable portions of an infusion pump, each of the two reusable portions of an infusion pump configured to connect to the at least one disposable portion. The system also includes a remote interface including a touch screen, the remote interface in wireless communication with at least one of the at least two reusable portions, the remote interface configured to provide user instructions to the at least one of the at least two reusable portions, wherein the remote interface configured to receive user input through a touch screen. The system also includes a charging device configured to receive at least one of the at least two reusable portions and the remote interface. The charging device is configured to recharge a pump battery of the at least one of the at least two reusable portions, and the charging device is configured to recharge an interface battery in the remote interface. The charging device is connected to a personal computer wherein the personal computer provides information to the remote interface.

[0012] Some embodiments of this aspect of the invention may include one or more of the following. Wherein the system further includes a continuous glucose monitor system including at least one transmitter wherein the at least one transmitter in wireless communication with the remote interface; wherein the system further includes at least one blood glucose meter wherein the blood glucose meter in wireless communication with the remote interface; wherein the at least one reusable portion and the remote interface are paired using near field communication; wherein the remote interface further including at least one accelerometer; wherein the remote interface further includes at least one camera.

[0013] In accordance with one aspect of the present invention, an infusion pump system is disclosed. The infusion pump system includes an infusion pump, and a remote interface device in wireless communication with the infusion pump including instructions for controlling the infusion pump wherein the instructions may be synchronized with a secure web portal.

[0014] Some embodiments of this aspect of the invention may include one or more of the following. Wherein the system further includes a continuous glucose monitor system including a transmitter wherein the transmitter in wireless communication with the remote interface device. Wherein the system further includes a blood glucose meter wherein the blood glucose meter in wireless communication with the remote interface device. Wherein the wireless communication is radio frequency ("RF") communication. Wherein the infusion pump and the remote interface device are paired using near field communication. Wherein the system further includes at least one accelerometer.

[0015] In accordance with one aspect of the present invention, a medical device system is disclosed. The medical device system includes a first medical device and a second medical device in wireless communication with the first medical device, the second medical device including instructions for controlling the first medical device wherein the instructions may be synchronized with a secure web portal.

[0016] Some embodiments of this aspect of the invention may include one or more of the following. Wherein the first medical device is an infusion pump and the second medical device is a remote interface device. Wherein the infusion pump and the remote interface device are paired using near field communication. Wherein the first medical device is a continuous glucose monitor sensor and the second medical device is a remote interface device. Wherein the infusion pump and the remote interface device are paired using near field communication. Wherein the first medical device is a blood glucose meter and the second medical device is a remote interface device. Wherein the infusion pump and the remote interface device are paired using near field communication.

[0017] In accordance with one aspect of the present invention, a method for communication between two medical devices is disclosed. The method includes a first medical device sending a radio signal together with an acoustic signal to a second medical device, calculating the distance between the first medical device and the second medical device using the acoustic signal, determining whether the calculated distance exceeds a predetermined threshold, and if the calculated distance exceeds a predetermined threshold, notifying the user.

[0018] Some embodiments of this aspect of the invention may include one or more of the following. Wherein the first medical device is a remote interface and the second medical device is an infusion pump. Wherein the first medical device is a remote interface and the second medical device is a continuous glucose monitor sensor/transmitter. Wherein the first medical device is a remote interface and the second medical device is a blood glucose meter.

[0019] These aspects of the invention are not meant to be exclusive and other features, aspects, and advantages of the present invention will be readily apparent to those of ordinary skill in the art when read in conjunction with the appended claims and accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0020] These and other features and advantages of the present invention will be better understood by reading the following detailed description, taken together with the drawings wherein:

[0021] FIG. **1**A is an exploded view of an embodiment of an infusion pump;

[0022] FIG. **1**B is an exploded view of an embodiment of an infusion pump;

[0023] FIG. **2** is an exploded view of an embodiment of an infusion pump and a second reusable portion;